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TWO NEW NAMES OF SPHECOID WASPS.

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The following two names purposed by Billberg in 1820 have generally been overlooked by Hymenopterists.

GENUS AMMOBIA BILLBERG.

Ammobia Billberg, Enumartio Insectorum, 1820, p. 105.

Type.—*Pepsis argentata* Fabricius.

Chlorion (Ammobia) umbrosum (Christ.).

Syn.—**Proterosphex** H. Fernald. Ent. News, vol. 16, 1905, p. 165.

This genus was originally treated as follows (Eg. equals Billberg):

“G. **Ammobia** Eg.—*Amophila* Krb. Latr. Ed. cuc.—*Pepsis* Fbr. Spal.—*Miscus* Jur.—*Sphex* Auct. coet.

* <i>Abdomine thorace duplo longiore</i>	{	<i>pratiosa</i>	Eg. 5.
		<i>sericea</i>	Ins. Mar. pacif. Fbr.
** <i>Abdomine longitudine thoracis</i>	{	<i>argentata</i>	Hisp.—
		<i>arenaria</i>	Svec.—”

The first species included, *pratiosa* Billberg, is a nomen nudum.

The second species, *Pepsis sericea* Fabricius, is a variety of *Sphex* (F. F. Kohl) *aurulentus* occurring in the West Indies so probably was not before Billberg and should not be taken as the type.

The third species, *Pepsis argentata* Fabricius, is a common European species; is a synonym of *Sphex* (F. F. Kohl) *umbrous*, and may be chosen as the type of *Ammobia*.

The fourth species, *Pepsis arenaria* Fabricius, is a synonym of *Sphex* (*Ammophila* Kirby and Auctorum) (*Psammophila*) *hirsuta*.

Inasmuch as either *Psammophila* Dahlbom (1842) or *Proterosphex* Fernald (1905) would have to fall as a synonym of *Ammobia* Billberg it has seemed advisable to choose the latter name as the synonym, so the first species which could with propriety be chosen as the type of Billberg's genus is here designated as such.

After carefully reviewing the case of *Sphex* versus *Ammophila*, I can do nothing but agree with Dr. H. Fernald, and unless some earlier designation for the types of the genera in question can be found, I can see no way this change can be avoided. The objection offered by Dr. F. F. Kohl¹ only serves to put off the day when our nomenclature will be put on a firm basis.

GENUS LESTICA BILLBERG.

Lestica Billberg, Enumeratio Insectorum, 1820, p. 107.

Type.—*Crabro subterraneus* Fabricius.

Syn. *Ceratocolus* Lepeletier, Ann. Ent. Soc. France, vol. 3, 1834, p. 739.

Originally treated thus: (Eg. equals Billberg.)

‘ G. <i>Lestica</i> Eg.— <i>Sphex</i> Linn. VII.— <i>Vespa</i> Linn. Gffr.— <i>Crabro</i> Auct. pler.			
subterranea	Svec. Fbr.	fossoria	Svec. Linn.
peltata	—————	6 cincta	————— Fbr.
cribriaria	————— Linn.	alata	Germ. Pnz.
clypeata	—————	dimidata	—————.”

Included species:

1. *Crabro subterraneus* Fabricius, a common European species which may be chosen as the type; placed in *Ceratocolus* by Dahlbom in 1845.

2. *Crabro peltata* Fabricius, said to be a synonym of *cribrarius* Linnæus.

3. *Vespa cribrarius* Linnæus, designated as the type of *Crabro* in 1837.

4. *Sphex clypeata* Linnæus, a common European species; placed *Thyreus* in 1864.

5. *Sphex fossorius* Linnæus, a well-known species; placed in *Solenius* in 1870, and erroneously chosen as the type of *Crabro* in 1899.

¹ Ann. k. k. Naturhist. Hofmus. Wien Bd. 21, 1906, pp. 228-229.

6. *Crabro sexcinctus* Fabricius, a well-known species; placed in *Solenius* in 1852.

7. *Crabro alatus* Panzer, a common species; placed in *Ceratocolus* in 1834 and chosen as the type of the same genus in 1899.

8. There is no *dimidata* Panzer.

Crabro subterraneus is chosen as the type because it is the first well-known species included. It is consubgeneric with *Crabro alatus* Panzer, the designated type of *Ceratocolus*, hence the above cited synonymy.